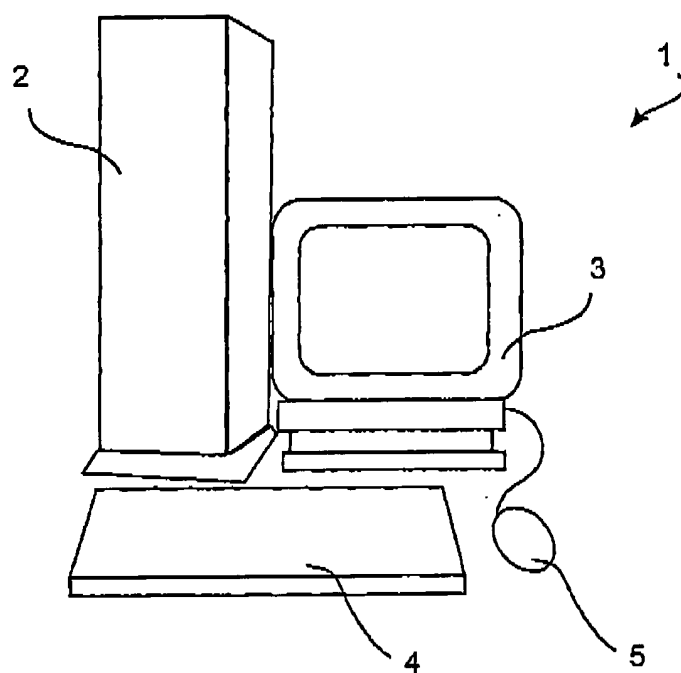


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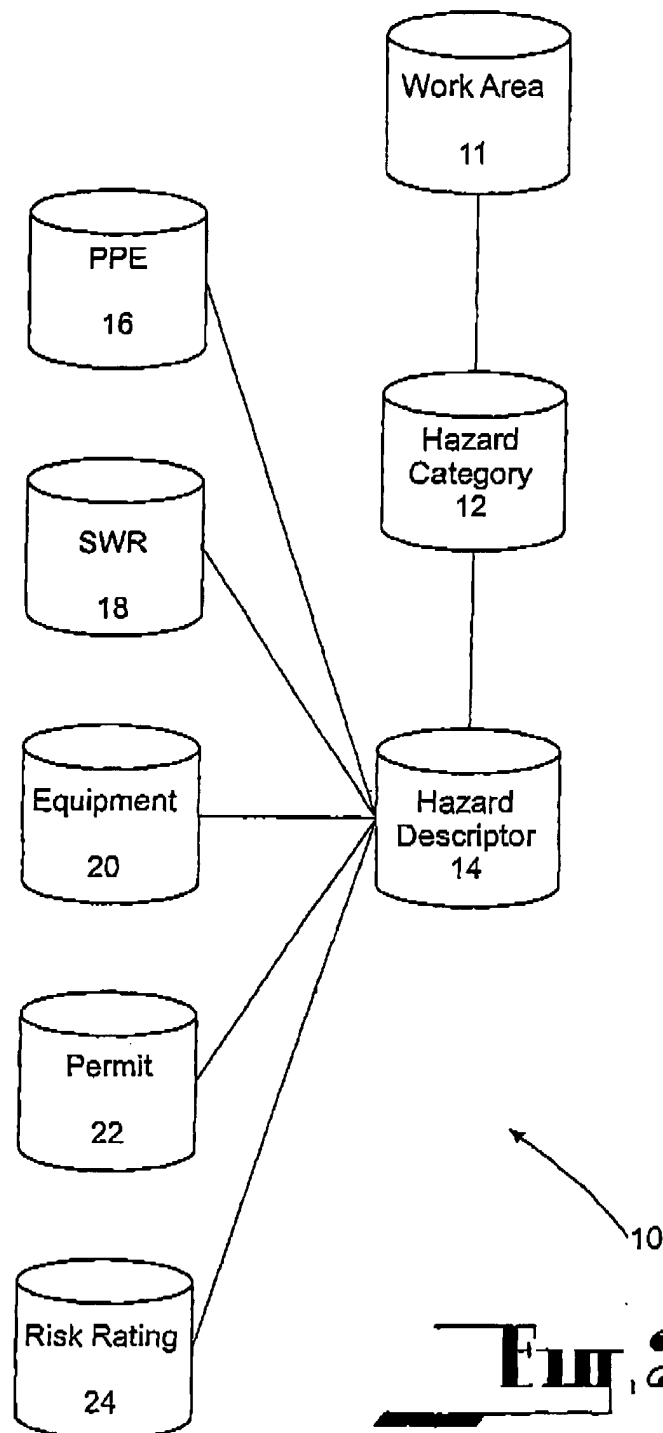
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**Fig. 1,**

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**Fig. 2**

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54

Job Name Install Ladder

Job Ref# a345

Site Information Company Billy Blowfly Engineering Client ABC Mining Location Kalgoorlie Department Maintenance Supervisor Ben Doone Phone 576892467	Compulsory Site Requirements SAFETY FOOTWEAR SAFETY HELMET SAFETY GLASSES TROUSERS LONG SLEEVED SHIRT
Emergency Building Medical Centre Phone ext 5 Radio Ch# N/A Intercom # N/A	Created By Owen Assisted By Authorised By John the Man Signature:

Before commencing this job you should review the hazards as follows:

1. Can any of the hazards be eliminated from this job ?
2. Can you substitute hazardous products with less hazardous products ?
3. Can you reduce the risk of exposure to those hazards by engineering methods ?

If the hazards and their related risks still exist, then you should use the following guidelines.

General Notes

Job Steps

1. Prepare work area
2. Collect required parts and tools
3. Install support brackets
4. Fit ladder to brackets and complete alignment
5. Complete all required bolting and welding
6. Remove all scraps and clean work area

Fig 3a

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Referenced Permits 30

Permits

Hot Work Permit 32
 Permit To Work

Equipment Check Requirements 34

Portable Welding Machine 36

Daily Pre-Start Inspection to be Completed 38
 Service Book Entries to be Completed

Hazards 40

2. Job Execution 42



H

Are There Any Toxic Chemicals, Fumes or Vapours In The Work Area 46

52.

50

Air Supplied Helmet To Be Worn Until Air Purity Is Proven

Conduct Air Purity Tests After Purging

Follow Up Testing May be Required

Provide Clean Filtered Air to the Operators Mask

Purge-Out, all Hazardous Fumes And/Or Vapours

Refer To MSDS For Personal Protective Equipment (PPE) Requirements

Refer to MSDS For Respiratory Protection Requirements

Work Area to be Fully Ventilated Before Work Commences



M

Does This Job Require The Man Handling of Heavy Items 46

Do Not Twist Your Body Whilst Making A Lift and Bend Your Knees, Not Your Back

If Possible, You Should Always Try To Use Mechanical Aids for Heavier Items

If You Must Lift An Item, First Test Its Weight, Then Get Help If You Need It

Use a Tirfor or Come-A-Long to Drag, Pull Or Move Heavy Items

Use a Trolley or Rollers Under Heavy or Difficult Items



L

Is The Use of 240v Power Supply Required on This Job 46

Check Condition of Leads and Switches

Check the Electrical Leads for Correct Tags

Check the Electrical Leads for Signs of Damage

ELCB to be Used for all 240v Equipment

Regular Trip and Reset Tests Should Be Conducted On ELCB Equipment

Fig. 3b.

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☐ ☒ **Is The Use of Arc Welding/Gouging, Grinding or Oxy Cutting Equipment Required on This Job**

52 50 46

Check Hoses for Splits or Cracks Before Use

Close Cylinder Valves When not in Use

Cylinders to be Secured Into an Approved Trolley

Do not Throw Stubs of Welding Rod Onto the Floor

Fire Extinguishers Required on the Job at all Times 48

Flammable Materials to be Removed From Work Area

Flash Back Arresters to be Fitted to Oxy Equipment

For All Welding In A Workshop, Place Anti Flash Screens Around The Welding Area

Leather Welders Jacket May be Required

Long Welders Gloves to be Worn

Oxy Cutting Goggles To Be Used For All Oxy Cutting/Welding

Use Safety Pins in all Hose Connections

Welders Face Shield To Be Used For All Arc Welding And Gouging

☐ ☒ **Will a Mobile Crane be Used For The Lifting of Any Items on This Job**

52 50 48

A Pre-Lift Plan Must be Prepared And Approved For All Heavy / Difficult Lifts

All Wire Or Synthetic Slings Must Have Full Edge Protection

Before Positioning The Vehicle, Check for Sumps or Underground Soil Weakness

Competent Rigger to Supervise the Lift

Driver to Remain in Cabin Whilst Load is Suspended

Hand Lines to be Tied to the Load Before Lift Commences

One Person Only to Provide Signals for Crane Operator

Sausage Slings to be Stored Safely When not in Use

When Positioning This Vehicle, Do Not Exceed Minimum Clearance to Overhead Wires

Where Vehicle Outriggers Are Provided They Must Be Used

☐ ☒ **Will it be Necessary to lift or Remove Grid Mesh From the Job**

52 50 46

Check if a Grid Mesh Removal Permit is Required

Make Sure That the Work Area Has Been Cleared For Work 48

Place a Fixed Barricade With Bunting Around the Opening

☐ ☒ **Will Non-Powered Hand Tools be Used on This Job**

52 50 46

Check the Physical Condition of Tools to be Used

General Purpose Gloves to be Worn 48

Not to be Used From an Unsecured Ladder

☐ ☒ **Will The Lifting of Items Above Head Height be Required**

52 50 46

Do Not Twist Your Body Whilst Making A Lift and Bend Your Knees, Not Your Back

Ensure That The Target Area Is Clear and is Ready To Receive The Lifted Item 48

If Possible Use a Hoist, Crane or Chain Block for Lift

If You Must Lift An Item, First Test Its Weight, Then Get Help if You Need It

Em 3 c

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- ☐ ☒ **L** Will The Use of 240v Extension Leads be Required 46
- 52 50
- Check the Electrical Leads for Correct Tags
 - Check the Electrical Leads for Signs of Damage
 - ELCB To Be Used For All Electrical Work Inside a Confined Space Area 48
 - Locate ELCB For Confined Space Work On The Outside Of The Work Area
 - Raise and Secure all Electrical Leads Above the Floor
 - Regular Trip and Reset Tests Should Be Conducted On ELCB Equipment

- ☐ ☒ **M** Will The Use of Ladders be Required For Any Part of This Job 46
- 52 50
- Check Access Ladder for Defects Before Use
 - Damaged Ladders to be Replaced and not Used 48
 - Ladder to be Secured at the Top
 - Ladder to Extend 1m Past the Access Level
 - Ladder to Have a 4 to 1 Angle to the Wall

- ☐ ☒ **M** Will The Use of Mobile Welding Equipment be Necessary For This Job 46
- 52 50
- Check Condition of Leads and Switches
 - Connect Earth Clamp as Close as Possible to Weld Area 48
 - Shut Down the Units Motor Whilst Re-Fuelling
 - Shut the Unit Down for all Repairs or Maintenance
 - Vent Exhaust Fumes Away From Enclosed Area's

- ☐ ☒ **L** Will There be Any Need to Work on (or From) a Scaffold 46
- 52 50
- Scaffold to Have a Current and Valid Scafftag Fitted 48
 - The User To Check Load Rating for Scaffold and Work Within The Limits

3. Job Close Out

- ☐ ☒ **M** Are There any Permits That Need to be Closed Out And Signed Off 46
- 52 50
- Check for Outstanding Permits 48
 - Check that Workers Have Signed off and Left the Job

- ☐ ☒ **M** Will The Work Areas Need to be Cleaned In Readiness For a Hand-Over 46
- 52 50
- Chemical Wastes to be Collected for Safe Disposal
 - Clear all Rubbish Away from the Construction Area 48
 - Notify Your Supervisor When the Job is Completed
 - Remove all Waste and Off-Cut Materials And Dispose To The Refuse Tip

EW 3d, *** END OF REPORT *******

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Risk Matrix

Likelihood	Consequence	1	2	3	4	5
	18 or higher	H	H	E	E	E
	15 - 17	M	H	H	E	E
	12 - 14	L	M	H	E	E
	08 - 11	L	L	M	H	H
	04 - 07	L	L	M	M	H

Exposure

How frequently is an exposure to this hazard likely to occur?

Score

Less than once a year	1
Once every three months	2
Once a month	3
Once a week	4
Once a day (or more)	5

How long is exposure likely to take?

Score

15 Minutes	1
1 Hour	2
2 Hours	3
4 Hours	4
Full Shift	5

Controls

What controls have been put in place?

Score

Hazards to be removed (where possible)	1
Substitute with less hazardous products	2
Engineering controls	3
Administrative controls (procedures)	4
Use of personal protective equipment	5

Expected levels of compliance

Score

Will meet requirements	1
Will require an "on the job" review	3
Will require on-going assessments	5

Likelihood Score:

Consequence

What is the most likely outcome from an exposure to the hazard?

Score

Minor injury	1
Medically treated injury	2
Lost time injury (<2 weeks)	3
Lost time injury (>2 weeks)	4
Permanent disability or fatal injury	5

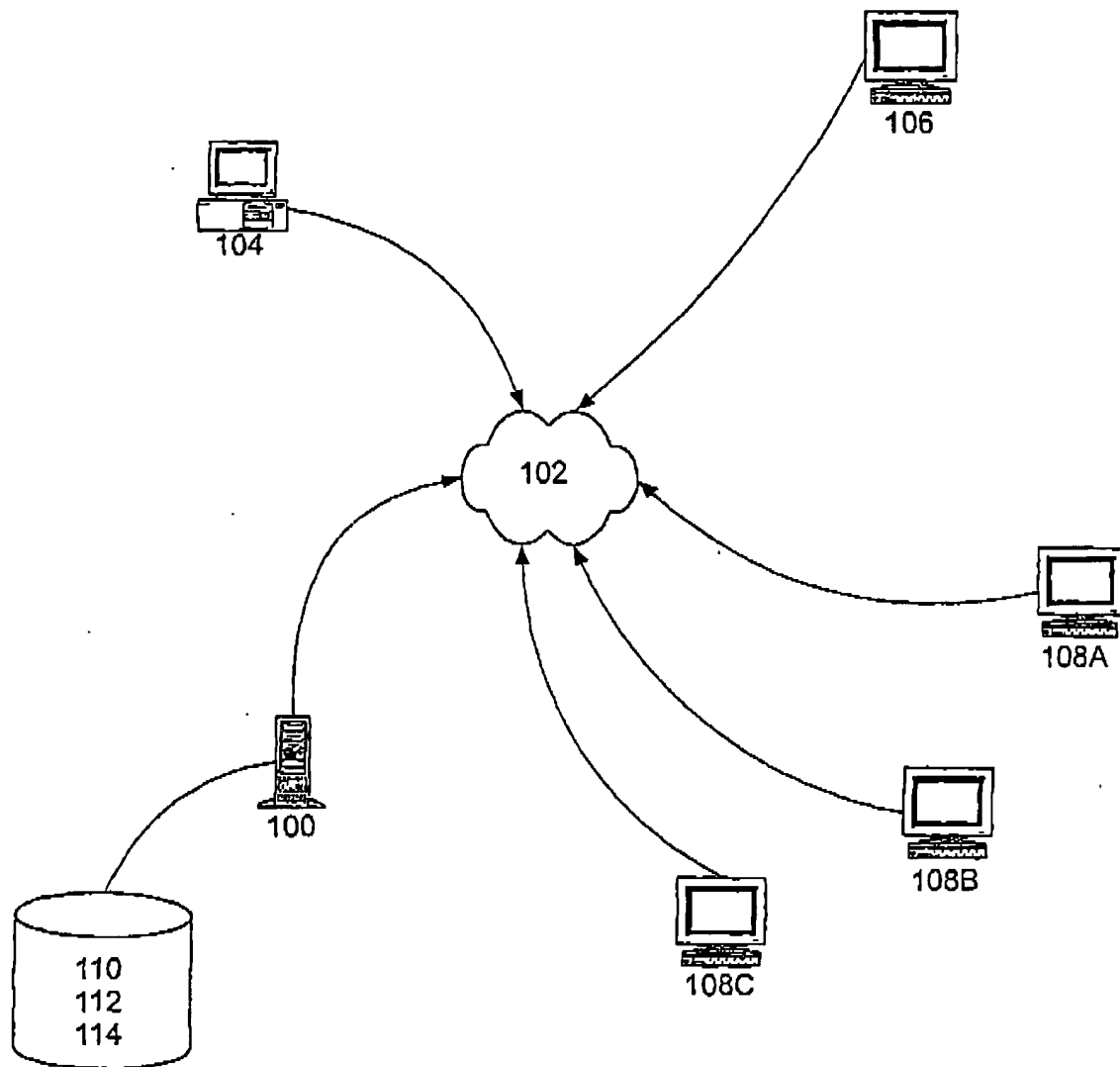
Consequence Score:

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**Fig. 5**

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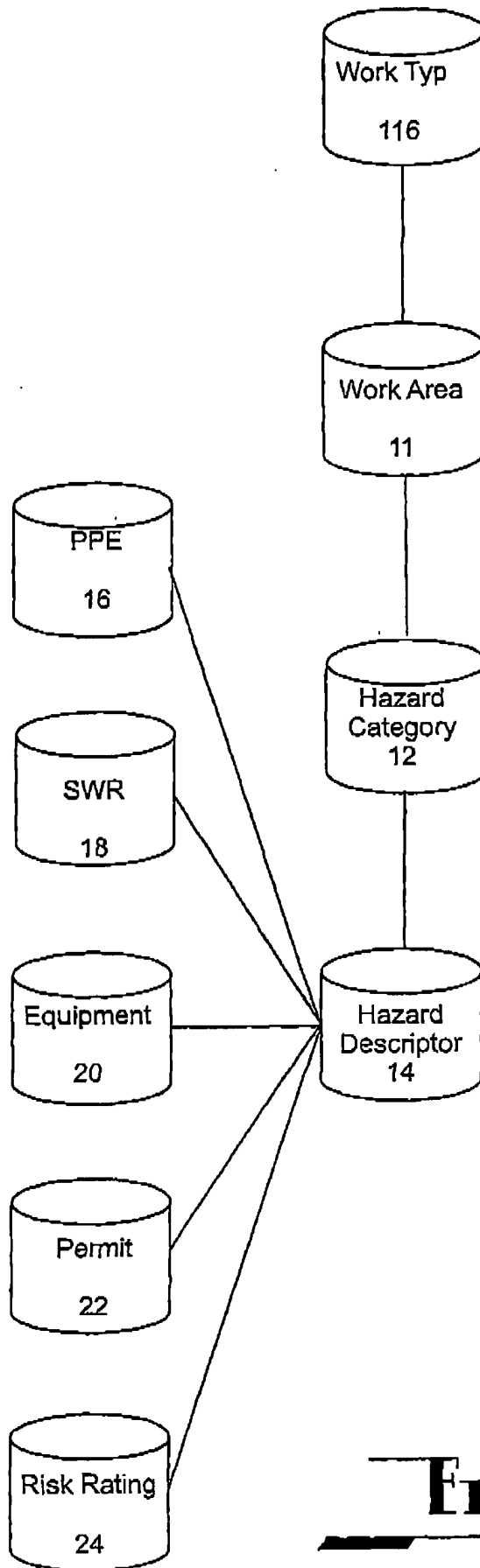
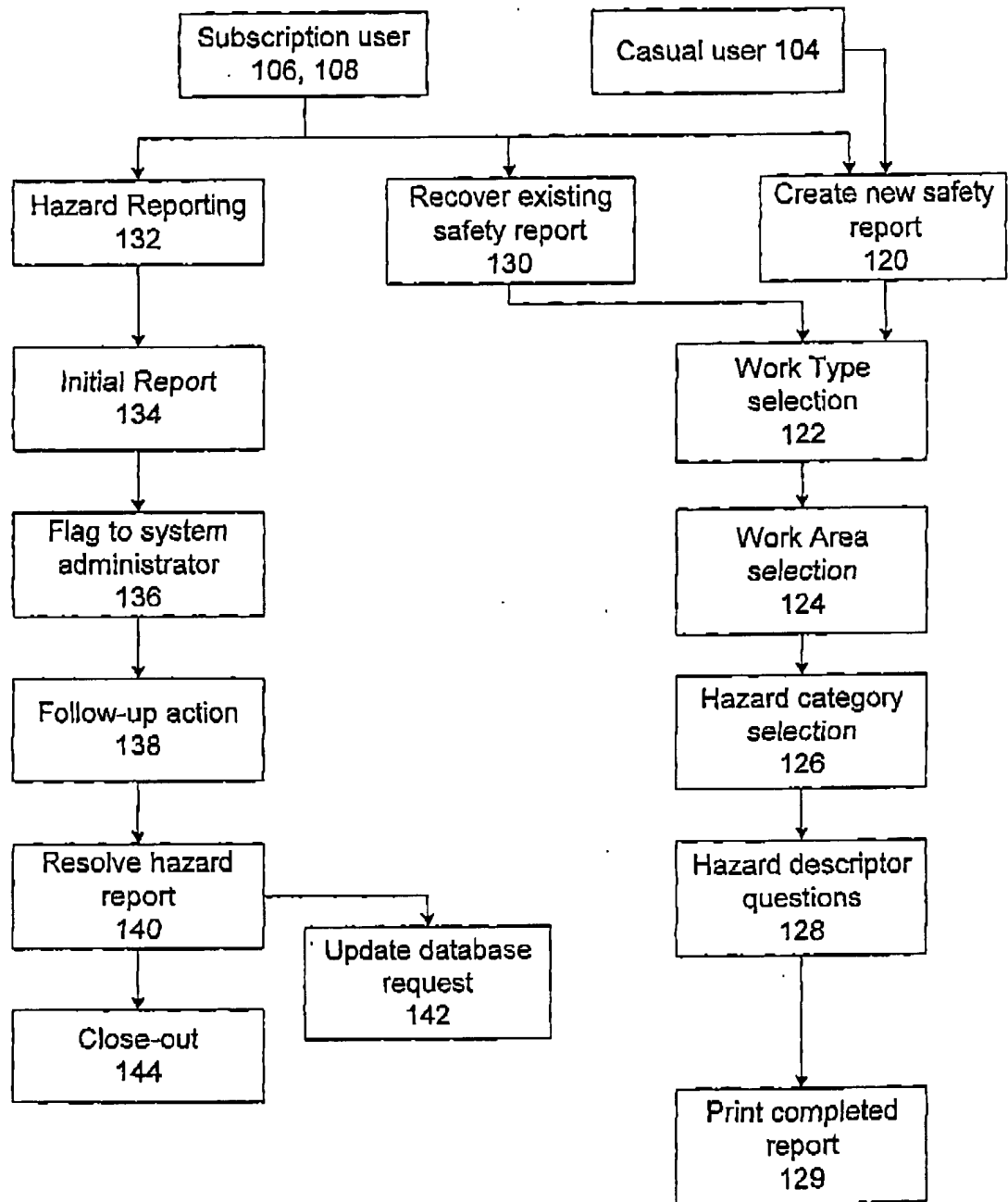


Fig. 6

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**Fig. 7**

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Job Name:	<input type="text"/>
Issue Date:	Friday, March 22, 2002
Job Ref Number:	<input type="text"/>
Company:	Boral Products
Location:	Belmont
Department:	Health & Safety
Supervisor:	<input type="text"/>
Phone:	<input type="text"/>
Compulsory Site Requirements:	
	Safety Glasses
	Safety Footwear
	Safety Helmet

Created By:	Kerry Evans
Assisted By:	<input type="text"/>
	<input type="text"/>
	<input type="text"/>

Emergency

Building:	<input type="text"/>
-----------	----------------------

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END 8

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Environment

☒ YES ☒ NO Will you be working on an oil spill 46

☒ YES ☒ NO Are Hazardous Material Storage Containers Likely To Require Disposal

☒ YES ☒ NO Are Hazardous Waste Materials Or Chemicals Likely To Be Generated

☒ YES ☒ NO Is It Likely That Hazardous Chemicals Will Be Spilt

☒ YES ☒ NO Is It Likely That Hydrocarbons Will Be Spilt Or Leaking

☒ YES ☒ NO Is It Likely That Tailings Will Be Spilt Or Leaked

☒ YES ☒ NO Will Hydrocarbon Waste Products Be Generated (I.e. Oil, Filters, Sludge, Oily Rags)

Submit

Env. 9.